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AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P.O. Box 7599  
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10004024-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Paul LUM

Serial No.: 10/643,071

Examiner: William RODRIGUEZ

Filing Date: August 18, 2003

Group Art Unit: 3746

Title:

A MICRO PADDLE WHEEL PUMP FOR PRECISE PUMPING, MIXING, DISPENSING, AND VALVING

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☒ Petition to extend time to respond  
☒ New fee as calculated below ☐ Supplemental Declaration  
☐ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	32	MINUS	20	= 12	X 50	\$ 600
INDEP. CLAIMS	4	MINUS	4	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 300	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input checked="" type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 450
					OTHER FEES	\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 1050

Charge \$ 1,050 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

"Express Mail" label no. EV 671823369 US

Date of Deposit: May 31, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Typed Name: Linda Phillips

Signature: Linda Phillips

Respectfully submitted,

Paul LUM

By

Andrew B. Schwaab  
Andrew B. Schwaab  
Attorney/Agent for Applicant(s)

Reg. No. 38,611

Date: May 31, 2005

Telephone No. 650.849.6643

Appln. No.: 10/643,071  
Amdt./Response filed May 31, 2005  
Replying to Office Action of Dec. 28, 2004

PATENT  
Customer No. 22,852  
Attorney Docket No. 10004024-2

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 31, 2005. Express Mail Label No.: EV 671823369US

Signed: \_\_\_\_\_

Linda Phillips

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Paul LUM

Application No.: 10/643,071

Filed: August 18, 2003

For: A MICRO PADDLE WHEEL PUMP FOR  
PRECISE PUMPING, MIXING,  
DISPENSING, AND VALVING OF BLOOD  
AND REAGENTS

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)  
) Group Art Unit: 3746

)  
) Examiner: RODRIGUEZ, William

)  
)  
) Confirmation No.: 4192  
)  
)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

In reply to the Office Action mailed December 28, 2004, the period of response having been extended via Petition for extension of time and associated request to charge Deposit Account No. 50-1078 filed herewith, please amend the above-identified application as set forth below and consider the following remarks:

**Amendments to the Claims** are reflected in the listing of claims that begin on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

06/03/2005 JBALINAN 00000066 501078 10643071

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